



## Novoflex NCY-2 Plus

Shielded (EMC) motor cable 0,6/1 kV

### Specification

<b>STANDARD</b>	VDE 0295, 0250, IEC 60228
<b>APPROVALS</b>	EN 55011
<b>RATED VOLTAGE U<sub>0</sub>/U</b>	0,6/1kV
<b>CONDUCTOR CLASS</b>	Class 5 = fine stranded wires
<b>CONDUCTOR MATERIAL</b>	Copper
<b>CORE INSULATION</b>	PE
<b>CORE IDENTIFICATION</b>	Black, Brown, Grey and Green/Yellow
<b>PROTECTIVE CONDUCTOR</b>	Yellow/Green
<b>OVERALL SHIELD</b>	Aluminum foil and braided tinned copper wire
<b>OUTER SHEATH</b>	PVC
<b>SHEATH COLOUR</b>	Transparent
<b>BENDING RADIUS FIXED</b>	5 x cable diameter at the outer $\varnothing$ <12 mm, 7,5 x cable diameter at the outer $\varnothing$ 12-20mm, 10 x cable diameter at the outer $\varnothing$ >20mm
<b>BENDING RADIUS MOVED</b>	10 x cable diameter at outer $\varnothing$ <12mm, 15 x cable diameter at outer $\varnothing$ 12-20mm, 20 x cable diameter at the outer $\varnothing$ >20mm
<b>MIN OPERATING TEMPERATURE FIXED</b>	-40°C
<b>MAX OPERATING TEMPERATURE FIXED</b>	+70°C
<b>MIN OPERATING TEMPERATURE MOVED</b>	-5°C
<b>MAX OPERATING TEMPERATURE MOVED</b>	+70°C

TESTING VOLTAGE 4000V

FLAME RETARDANT IEC 60332-1

## Variants

E-NUMBER	DIMENSION N X MM <sup>2</sup>	OUTER DIAMETER MM	WEIGHT KG/100M
0547000	4G1,5	10.4	21.7
0547010	4G2,5	12.1	24.2
0547020	4G4	14.5	33
0547030	4G6	16.4	42.5
0547040	4G10	19.3	63.5
0547050	4G16	21.9	91.7
0547060	4G25	26.6	132.8
0547070	4G35	29.9	178.5
0547080	4G50	35	241.7
0547090	4G70	39.4	329.8
0547100	4G95	46	460
0547110	4G120	51.9	660
0547120	4G150	57.5	759
N7729840	4G185	61.1	942
N7729940	4G240,0	69	1215